AMENDED SEQUENCE LISTING

(1) GENERAL INFORMATION:
(i) APPLICANT: Westaway, Edwin G.
                Khromykh, Alexander A.
                Varnavski, Andrei
(ii) TITLE OF INVENTION: FLAVIVIRUS EXPRESSION AND DELIVERY
      SYSTEM
(iii) NUMBER OF SEQUENCES: 10
(iv) CORRESPONDENCE ADDRESS:
  (A) ADDRESSEE: Fredrikson & Byron, P.A.
  (B) STREET: 200 South Sixth Street
  (C) CITY: Minneapolis
  (D) STATE: Minnesota
  (E) COUNTRY: USA
  (F) ZIP: 55402-1425
(v) COMPUTER READABLE FORM:
  (A) MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
  (B) COMPUTER: IBM Compatible
  (C) OPERATING SYSTEM: Word 2000
  (D) SOFTWARE: ASCII files
(vi) CURRENT APPLICATION DATA:
  (A) APPLICATION NUMBER: 09/580,476
  (B) FILING DATE: 26 May 2000
  (C) CLASSIFICATION:
(vii) PRIOR APPLICATION DATA:
  (A) APPLICATION NUMBER: N/A
  (B) FILING DATE: N/A
(viii) ATTORNEY/AGENT INFORMATION:
  (A) NAME: Goldman, Philip M.
  (B) REGISTRATION NUMBER: 31,162
  (C) REFERENCE/DOCKET NUMBER: 45930.3.0
(ix) TELECOMMUNICATION INFORMATION:
  (A) TELEPHONE: (612) 492-7088
  (B) TELEFAX: (612) 492-7077

  (2) INFORMATION FOR SEQ ID NO: 1:
(i) SEQUENCE CHARACTERISTICS:
  (A) LENGTH: 26
  (B) TYPE: nucleic acid
  (C) STRANDEDNESS: single
  (D) TOPOLOGY: linear
(ii) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

ctggttaact gtgtggtaaa gccctt   26

(2) INFORMATION FOR SEQ ID NO: 2:
(i) SEQUENCE CHARACTERISTICS:
   (A) LENGTH: 32
   (B) TYPE: nucleic acid
   (C) STRANDEDNESS: single
   (D) TOPOLOGY: linear
(ii) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

gagaacacag gatctgggtc ggcatggcat ct   32

    (2) INFORMATION FOR SEQ ID NO: 3:
(i) SEQUENCE CHARACTERISTICS:
   (A) LENGTH: 28
   (B) TYPE: nucleic acid
   (C) STRANDEDNESS: single
   (D) TOPOLOGY: linear
(ii) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

ggcctcgagc aattgttgtt gttaactt   28

    (2) INFORMATION FOR SEQ ID NO: 4:
(i) SEQUENCE CHARACTERISTICS:
   (A) LENGTH: 30
   (B) TYPE: nucleic acid
   (C) STRANDEDNESS: single
   (D) TOPOLOGY: linear
(ii) SEQUENCE DESCRIPTION: SEQ ID NO: 30:

gcgcttaaga cattgattat tgactagtta   30

    (2) INFORMATION FOR SEQ ID NO: 5
(i) SEQUENCE CHARACTERISTICS:
   (A) LENGTH: 32
   (B) TYPE: nucleic acid
   (C) STRANDEDNESS: single
   (D) TOPOLOGY: linear
(ii) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

cgtttagtga accgagtagt tcgcctgtgt ga   32

(2) INFORMATION FOR SEQ ID NO: 6:
(i) SEQUENCE CHARACTERISTICS:
   (A) LENGTH: 29
   (B) TYPE: nucleic acid
   (C) STRANDEDNESS: single
   (D) TOPOLOGY: linear
(ii) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

gtgacgcgtc ggccgggccc tgggttgga   29

(2) INFORMATION FOR SEQ ID NO: 7:
(i) SEQUENCE CHARACTERISTICS:
   (A) LENGTH: 14
   (B) TYPE: nucleic acid
   (C) STRANDEDNESS: single
   (D) TOPOLOGY: linear
(ii) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

ggatctcgat gtct   14

(2) INFORMATION FOR SEQ ID NO: 8:
(i) SEQUENCE CHARACTERISTICS:
   (A) LENGTH: 21
   (B) TYPE: nucleic acid
   (C) STRANDEDNESS: single
   (D) TOPOLOGY: linear
(ii) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

ggagggatcc cgggtaatta a   21

(2) INFORMATION FOR SEQ ID NO: 9:
(i) SEQUENCE CHARACTERISTICS:
   (A) LENGTH: 27
   (B) TYPE: nucleic acid
   (C) STRANDEDNESS: single
   (D) TOPOLOGY: linear
(ii) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

ggatctacca tggcacgcct gggagga   27

(2) INFORMATION FOR SEQ ID NO: 10:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 13

(B) TYPE: nucleic acid

(C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

catgcttaga tcc   13